

SUBJECT: SOIL EROSION

CATEGORY: USLE – RELATION TO "T"*

QUALIFIERS: 1997 PASTURELAND**

REPORTING UNIT: AREA (ACRES IN THOUSANDS)

GEOGRAPHIC AREA: MISSOURI'S MAJOR LAND RESOURCE AREAS

TABLE: MLRA'S RANKED BY TOTAL ACRES OF PASTURELAND

rank	mlra	acres of pastureland	acres eroding above "t"	% of pastureland in mlra eroding above "t"	% of pastureland in state eroding above "t"
1	116B	3086	283	9%	3%
2	116A	3048	383	13%	4%
3	109	1338	69	5%	1%
4	115	1168	185	16%	2%
5	112	830	27	3%	<1%
6	107	745	14	2%	<1%
7	113	469	43	9%	<1%
8	108	89	0	0%	0%
9	131	47	1	2%	<1%
10	134	29	2	7%	<1%
STATE TOTALS		10849	1007		

* USLE – Universal Soil Loss Equation. This equation estimates average annual soil loss from sheet and rill erosion. Location specific data for the field in which the NRI sample point falls or that portion of the field surrounding the Point that would be considered in conservation planning are used in the NRI calculation. "T" Factor – The maximum rate of annual soil erosion that will permit crop productivity to be sustained economically and indefinitely.

** Pastureland – A land cover/use category on land managed primarily for the production of introduced and native forageplants for livestock grazing. This includes land that has a vegetative cover of grasses, legumes, and/or forbs, regardless of whether or not it is being grazed by livestock. The vegetative cover may consist of a single species in a pure stand, a grass mixture, or a grass-legume mixture.

DATA SOURCE: 1997 NATIONAL RESOURCES INVENTORY (REVISED DECEMBER 2000)

